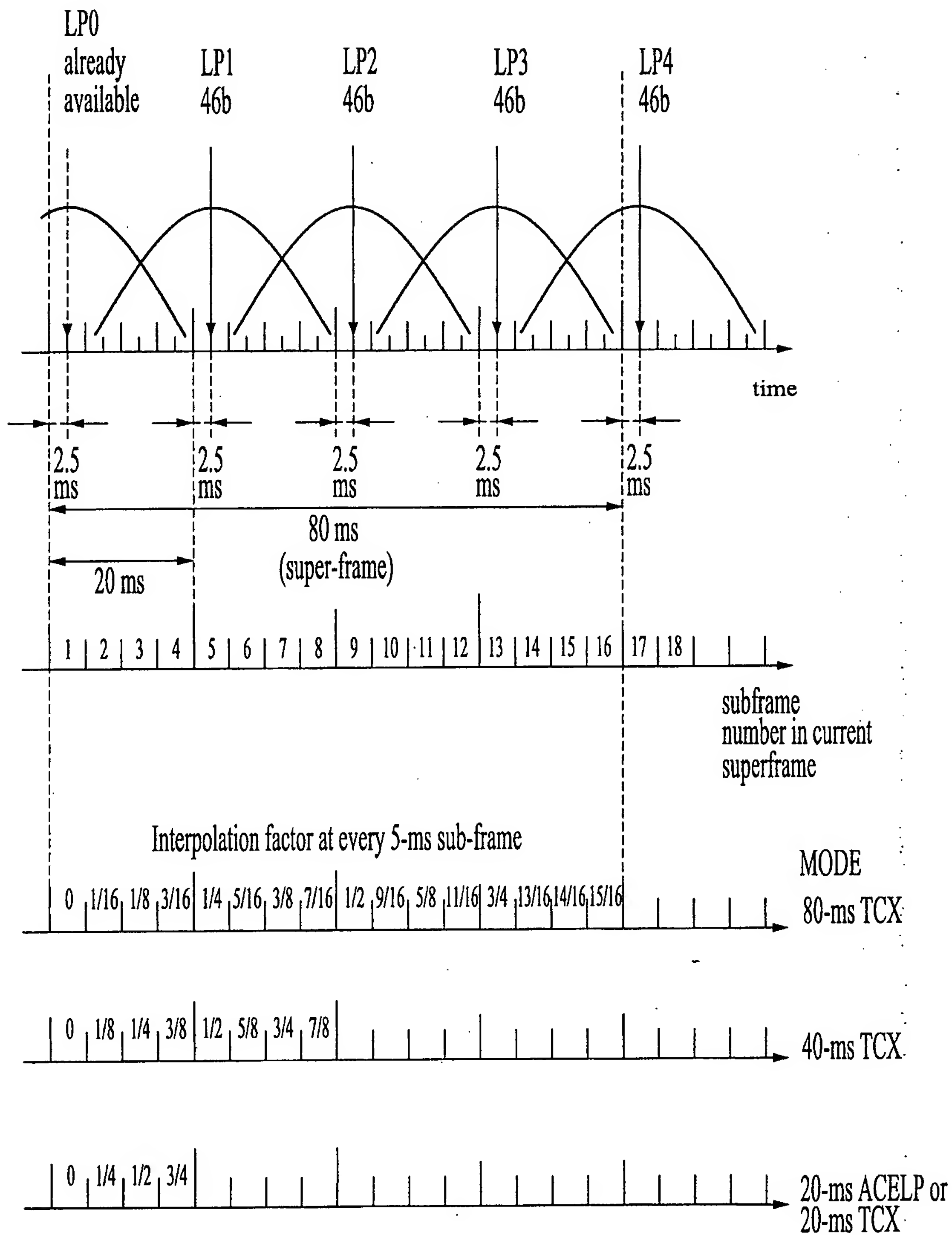
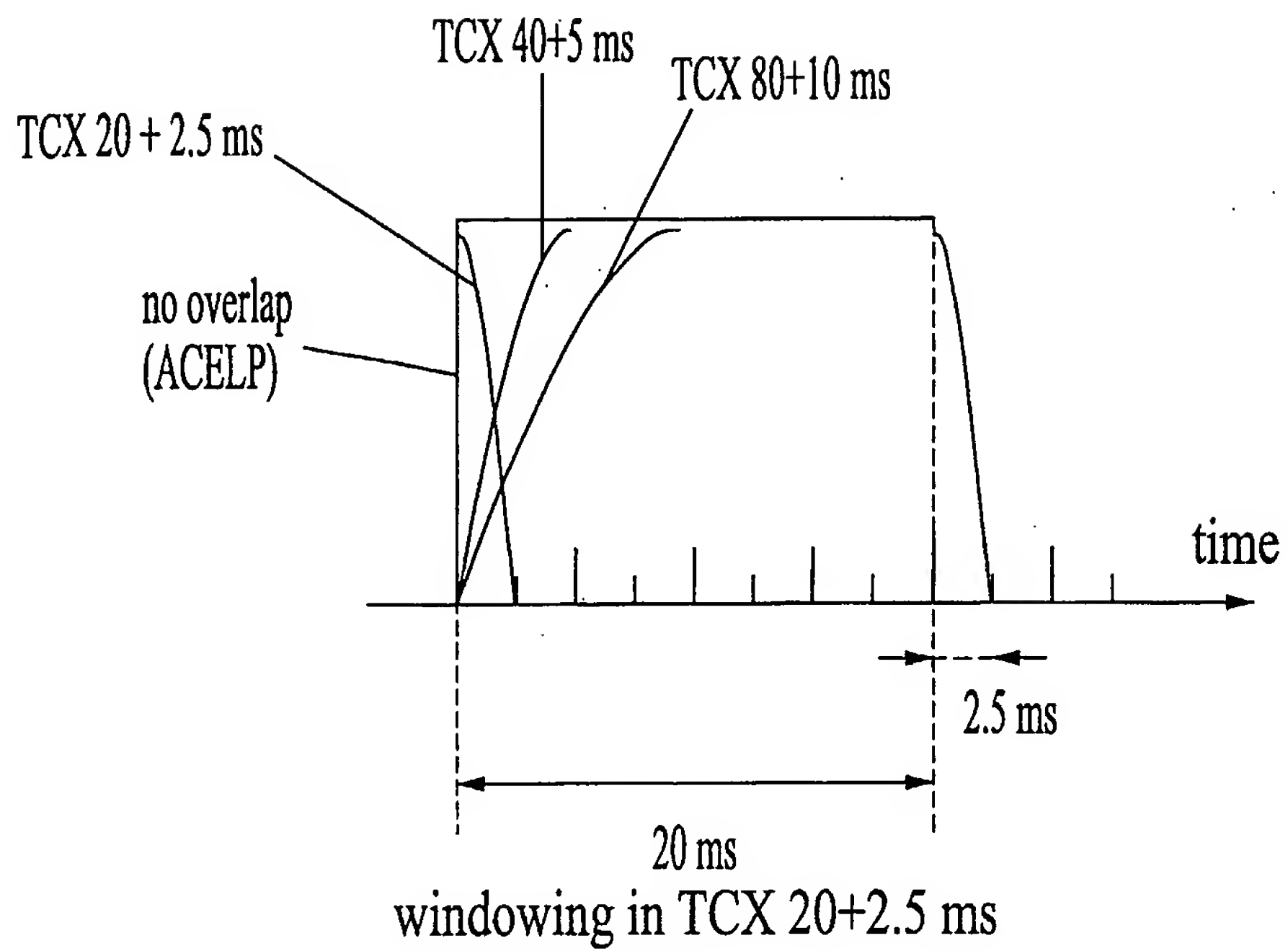
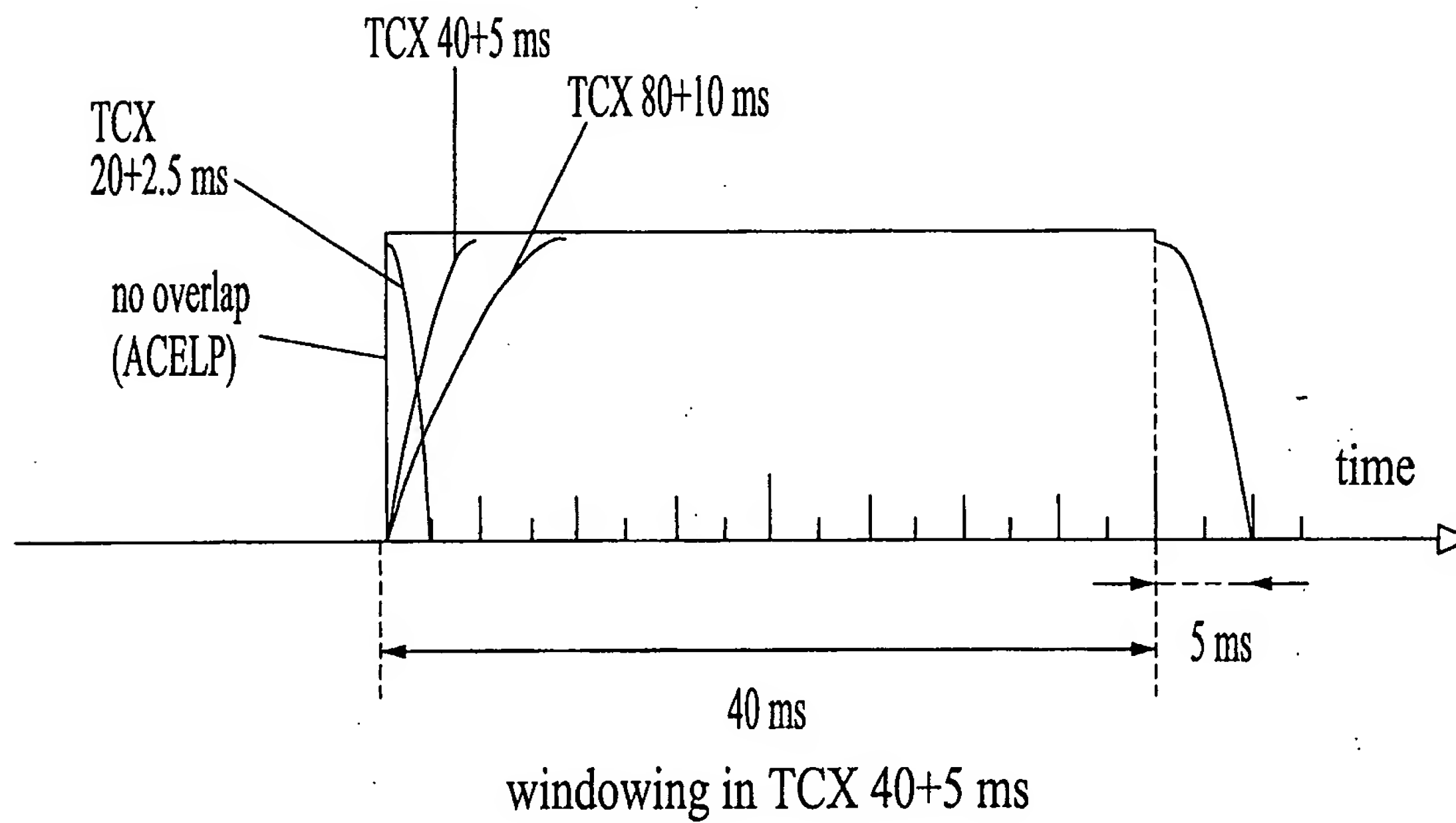


FIG. 2

FIG. 3

FIG. 4AFIG. 4B

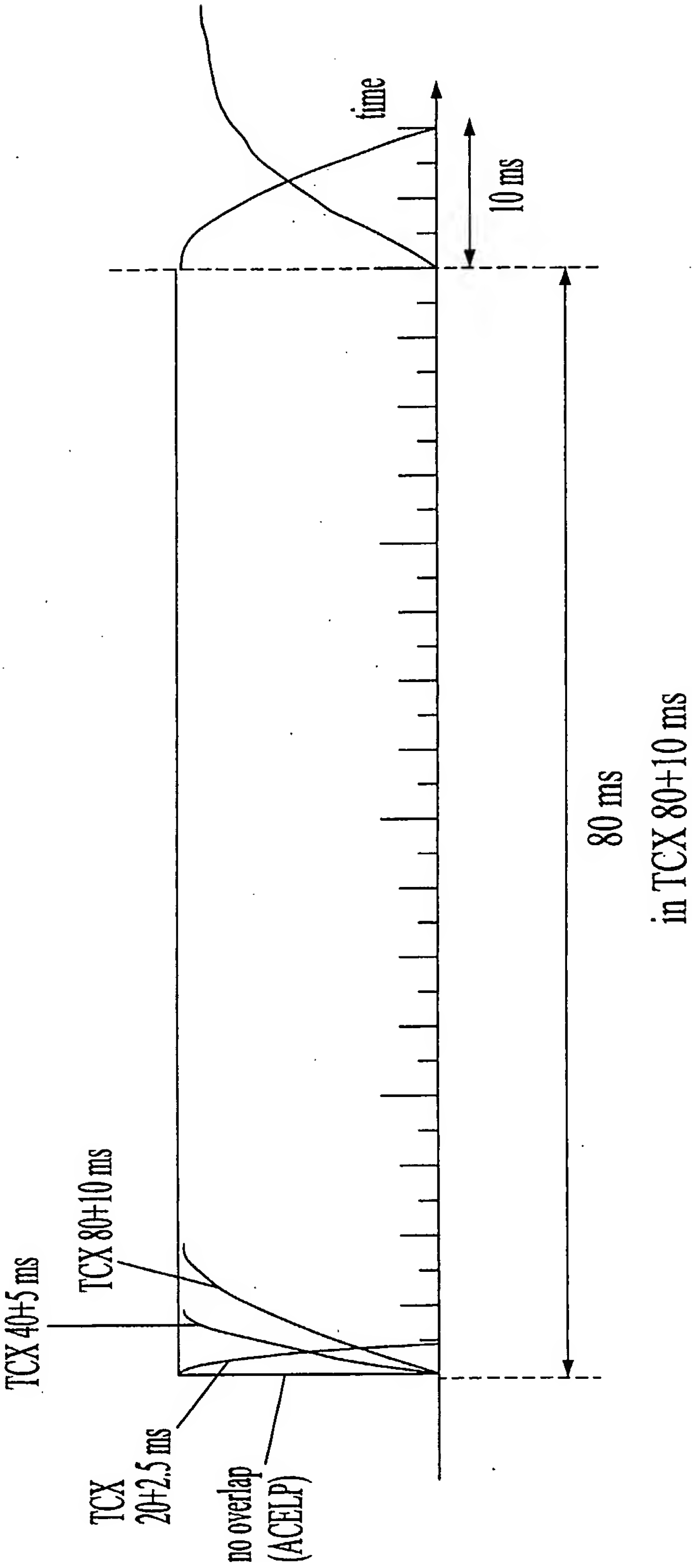
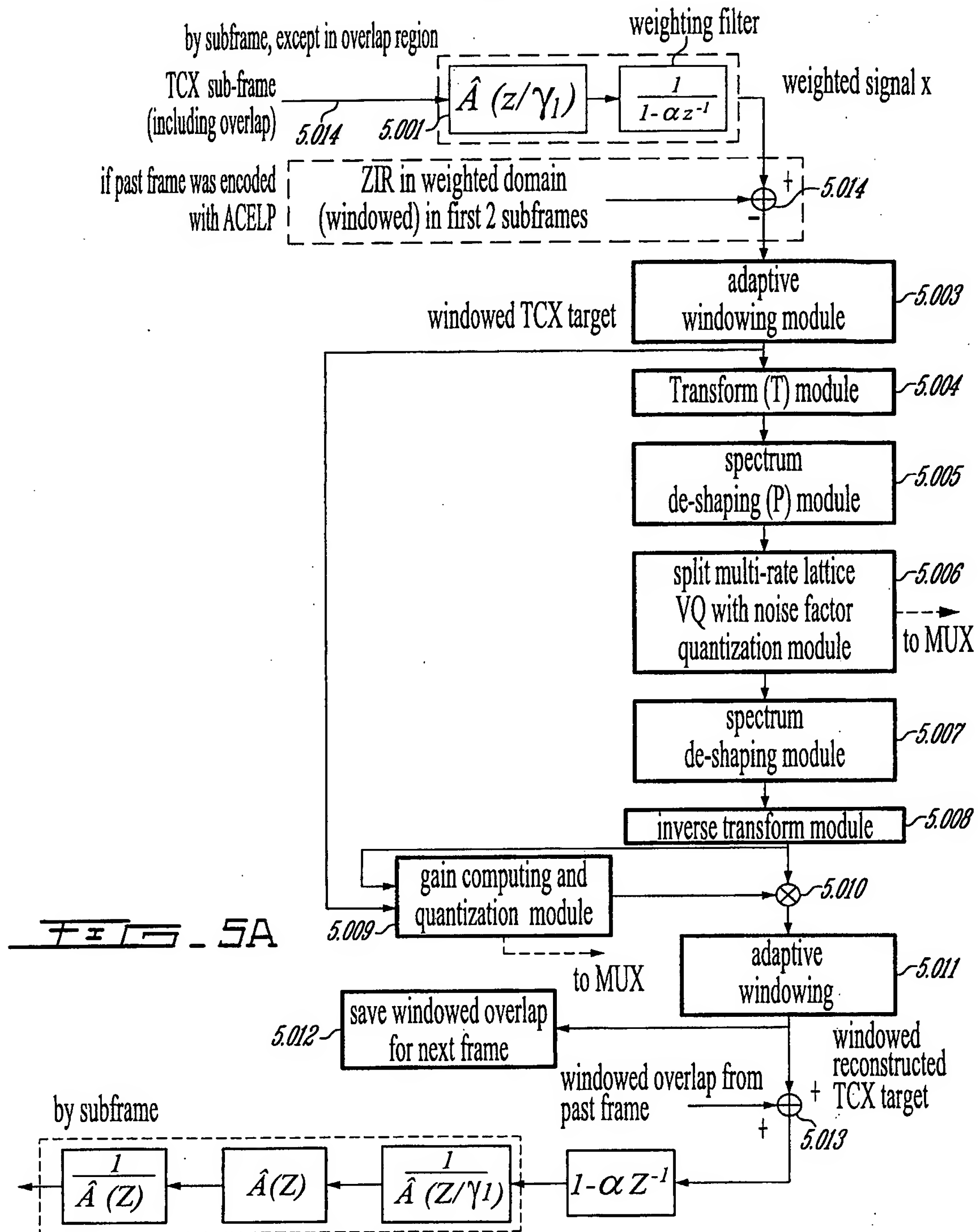


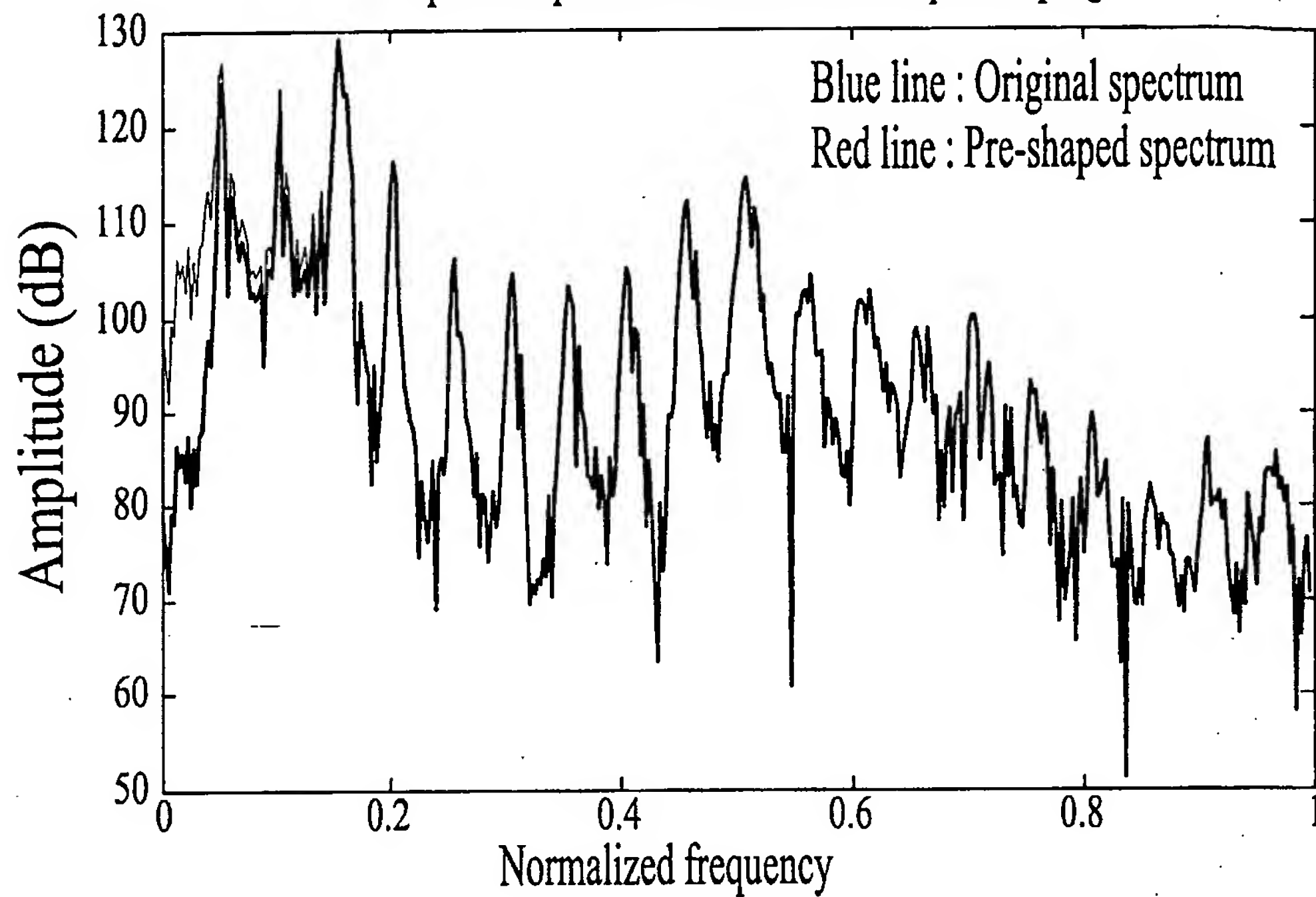
FIG. 4C



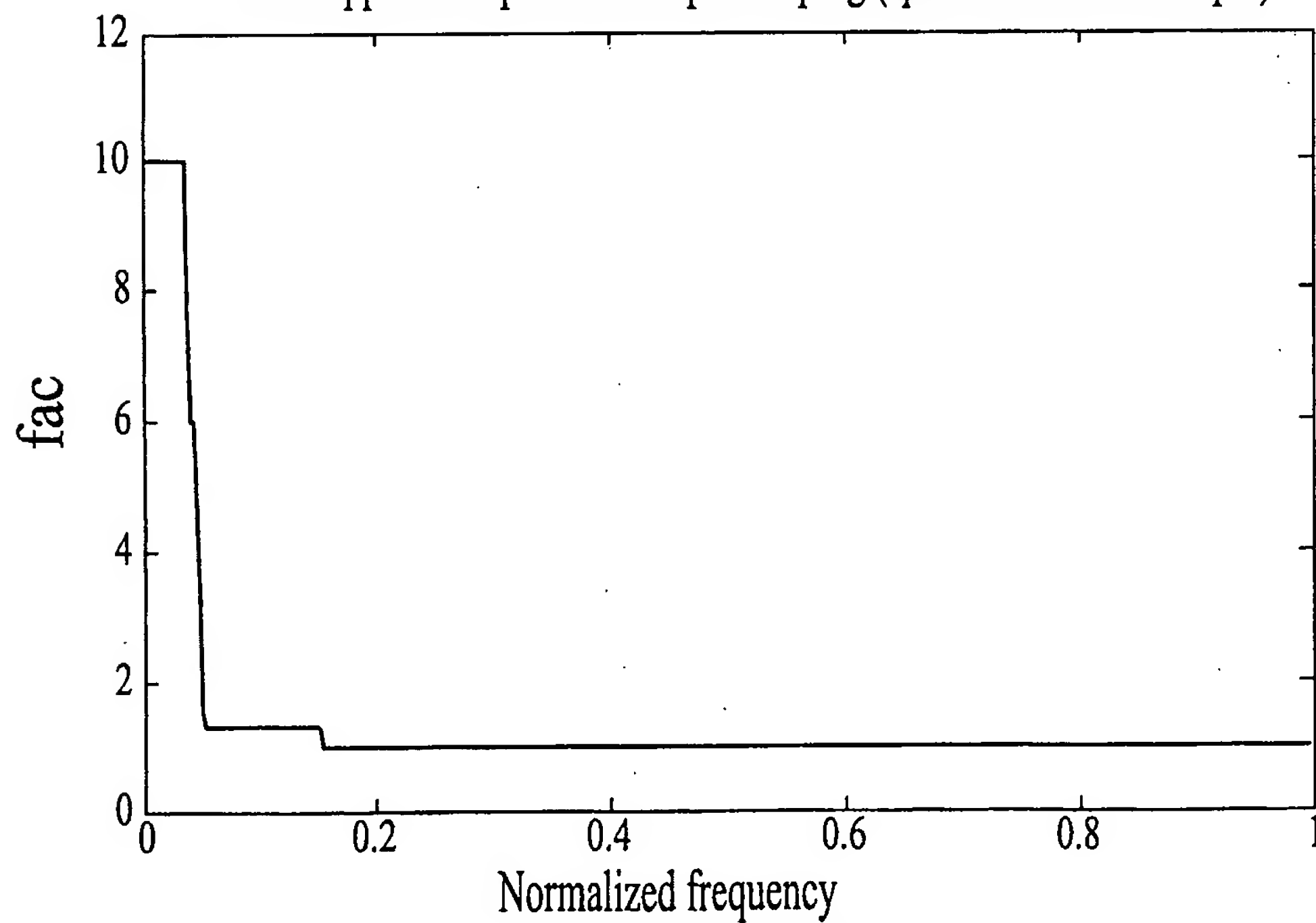
states initialized to 0 in $\frac{1}{\hat{A}(Z/\gamma_1)}$ and $1-\alpha Z^{-1}$ if past frame was encoded with ACELP

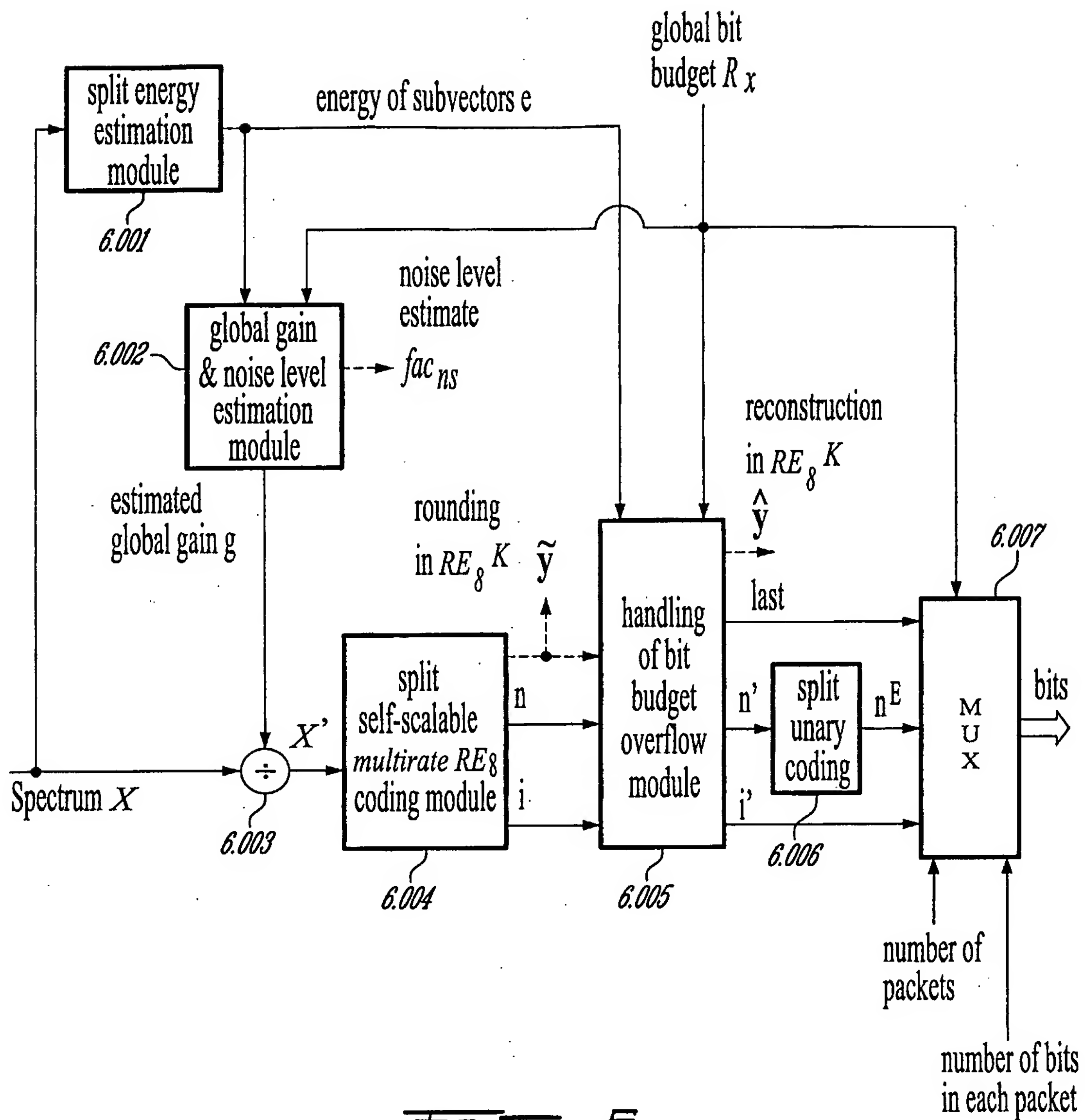
state initialized to past synthesis in $\frac{1}{\hat{A}(Z/\gamma_1)}$ otherwise

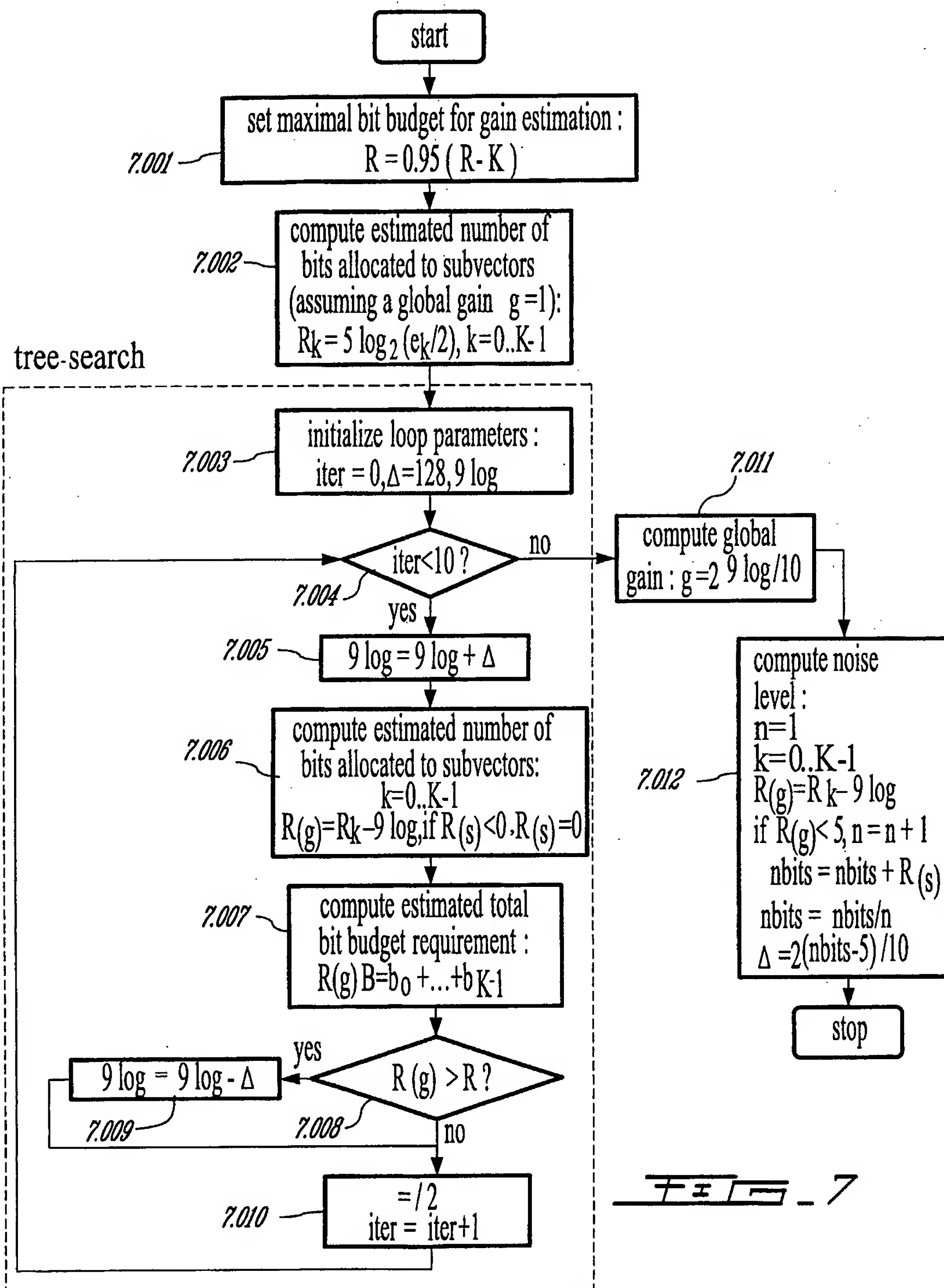
Amplitude spectrum before and after pre-shaping

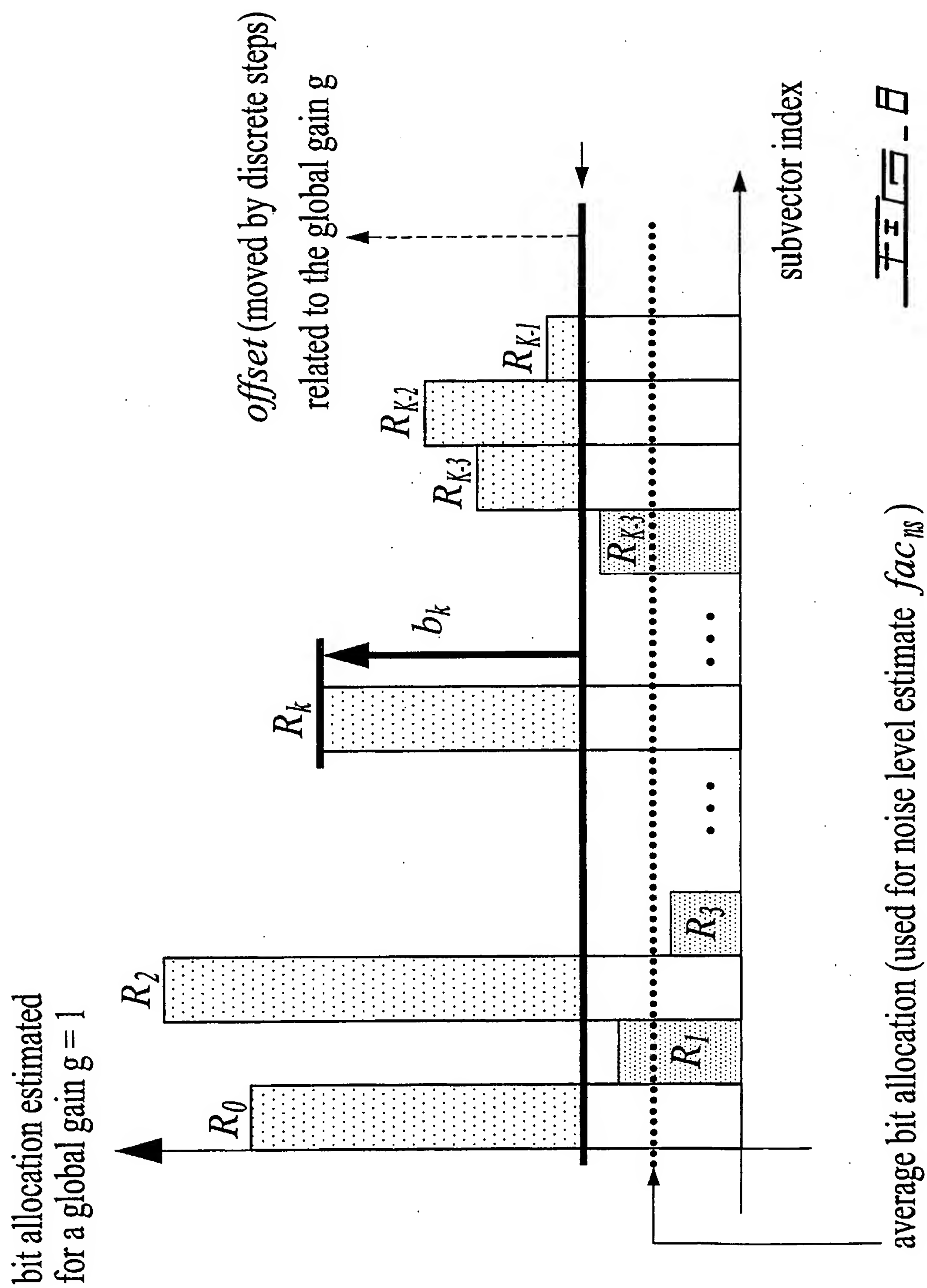
FES - SB

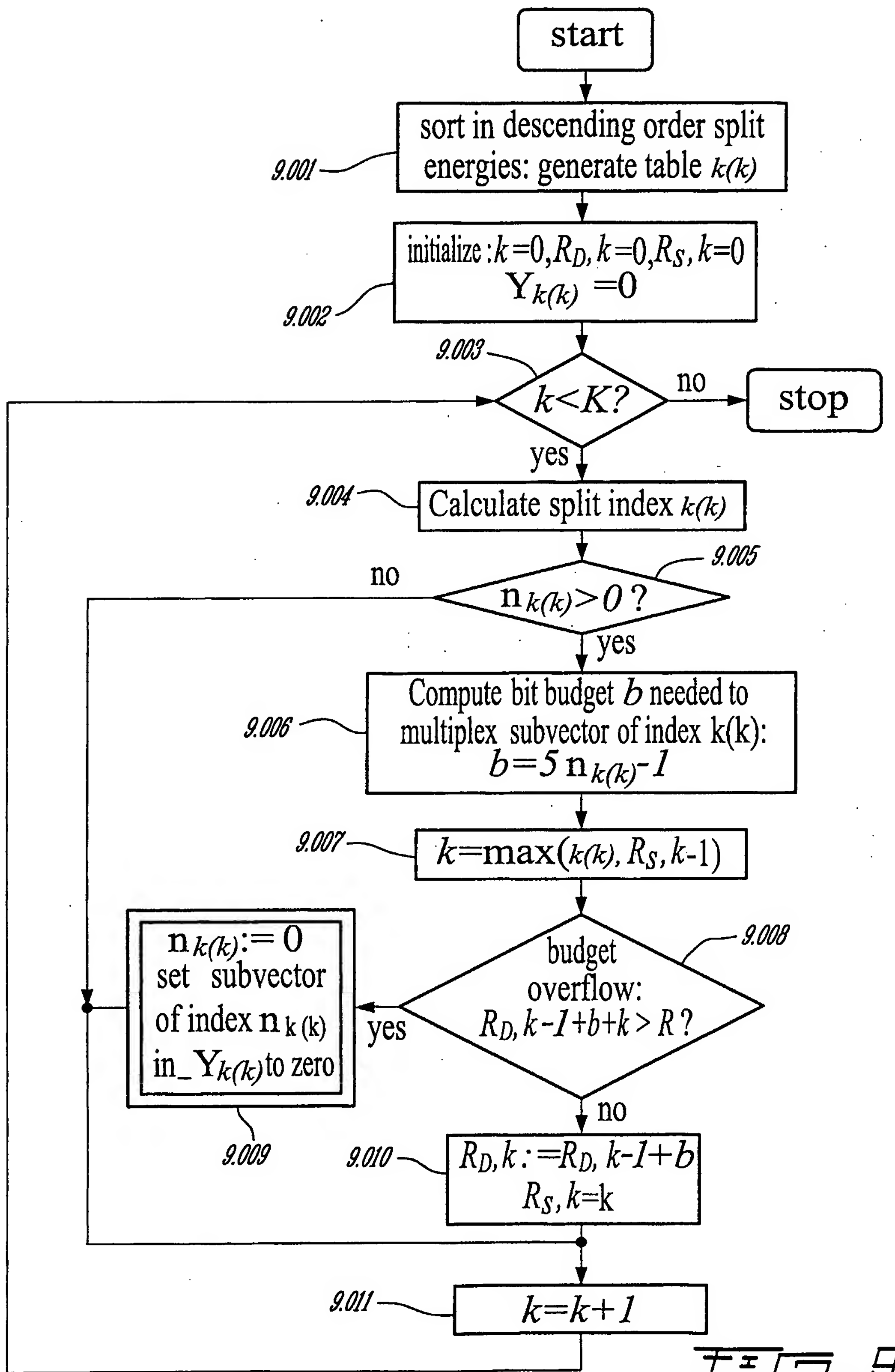
Gain applied to spectrum for pre-shaping (specific for this example)

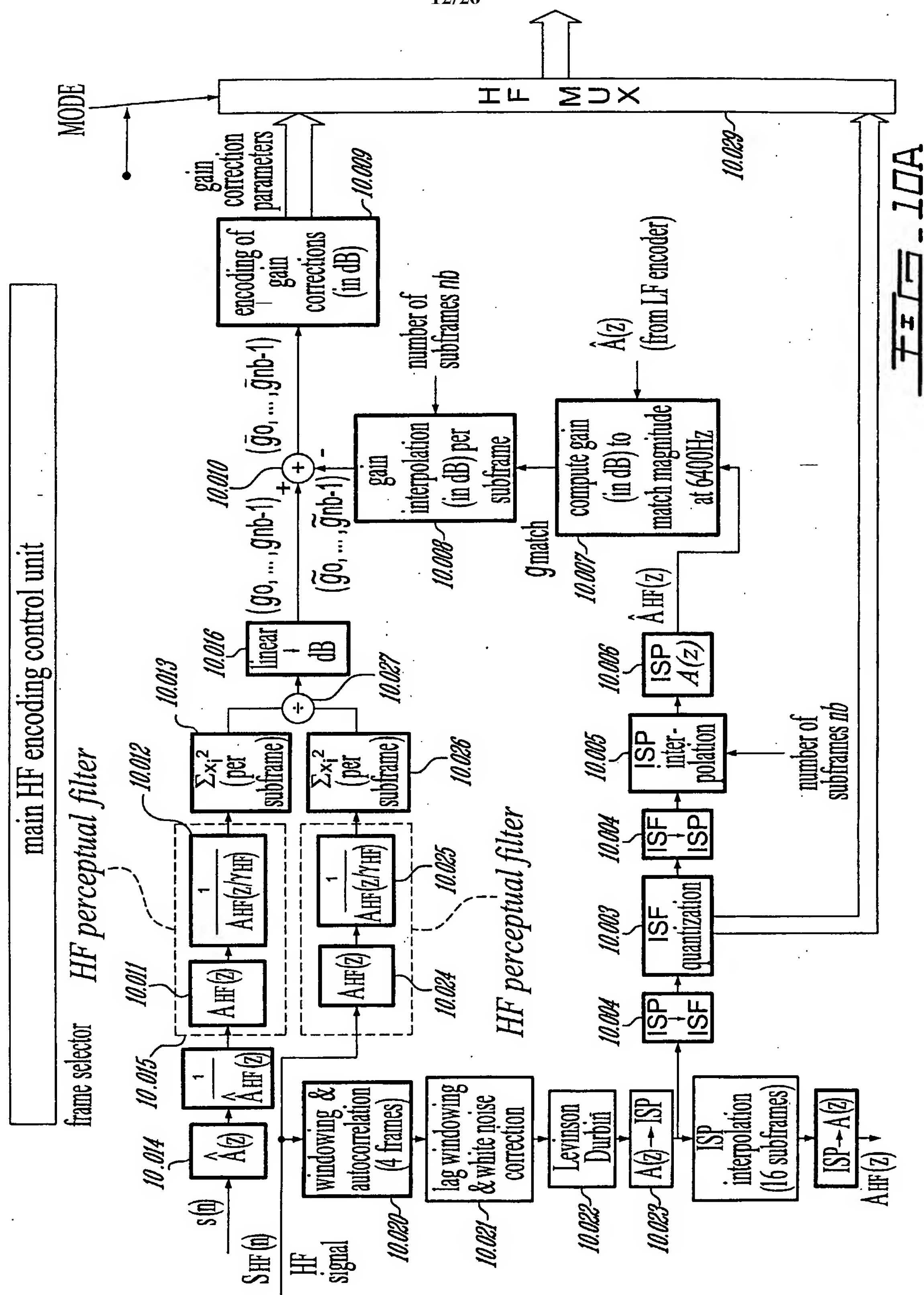
FES - SC











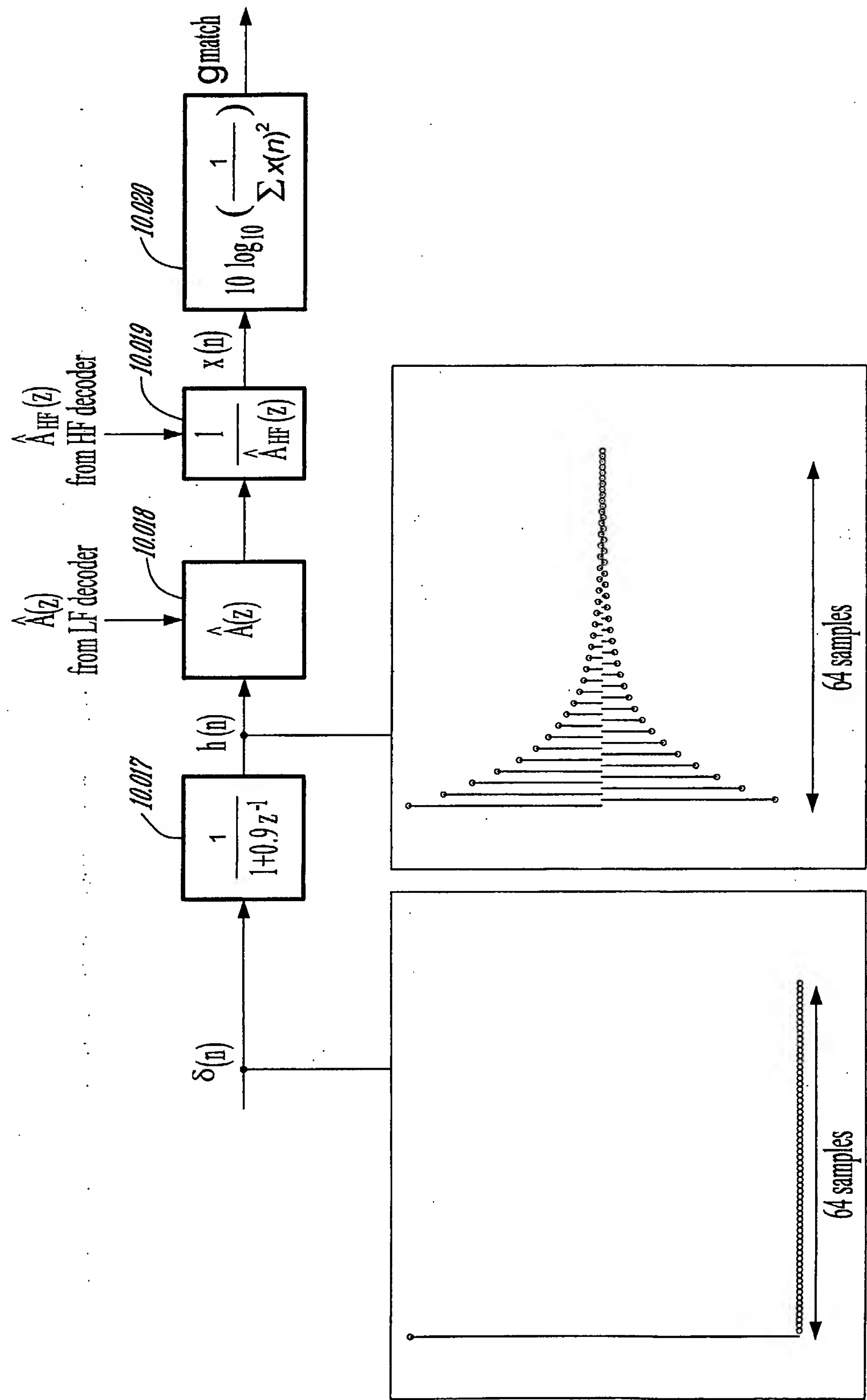


FIG. 10B

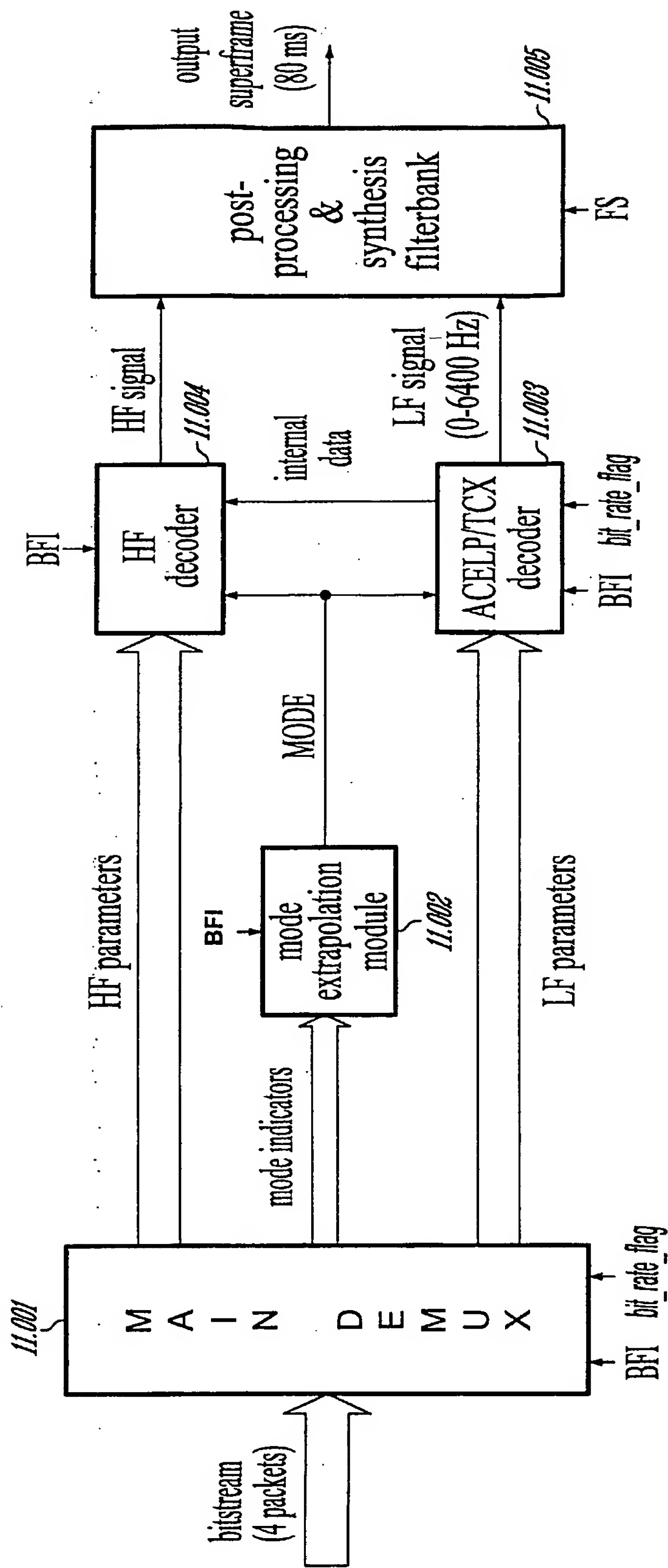
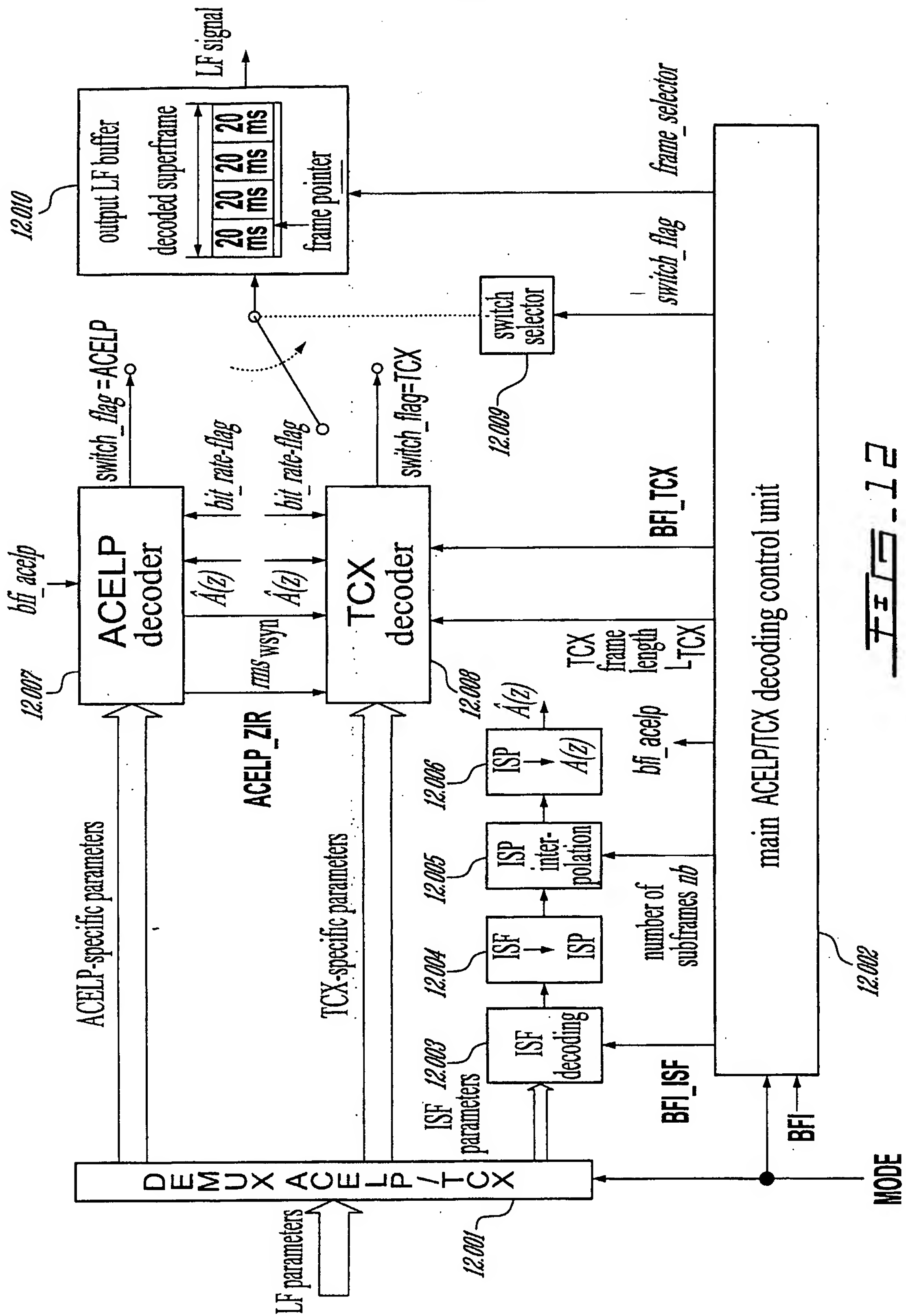


FIG. 11



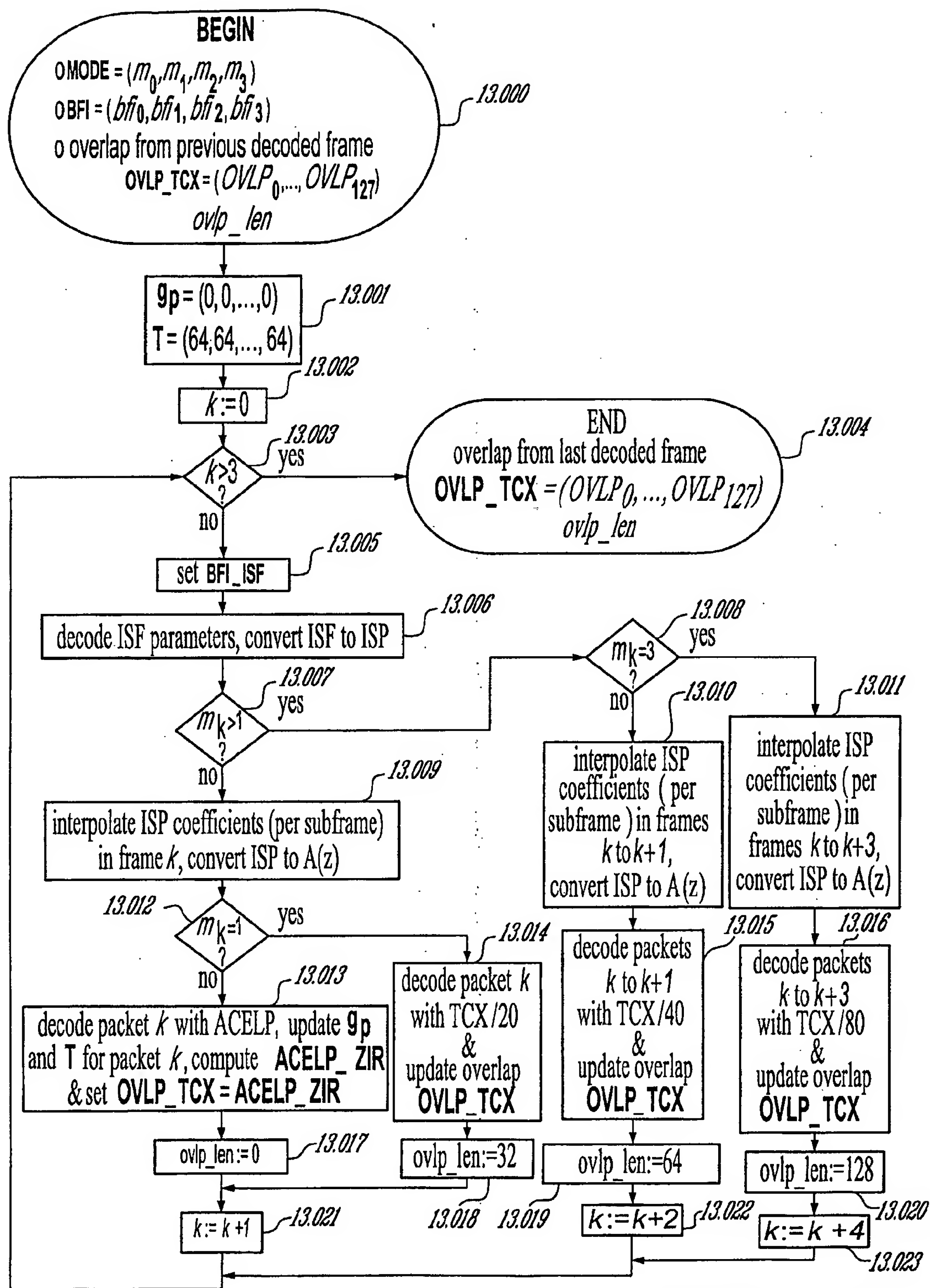


FIG. 13

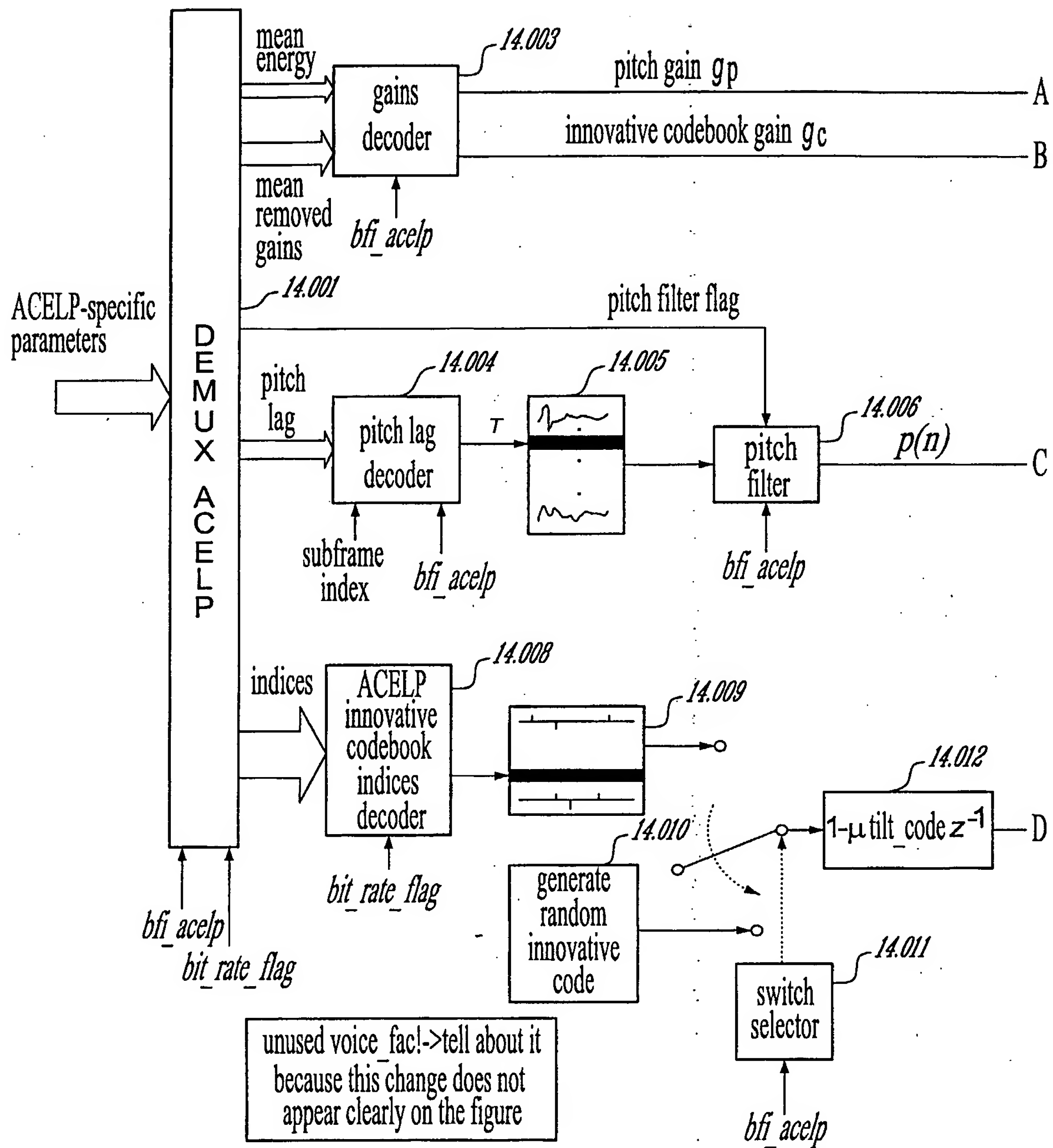


FIG. 14A

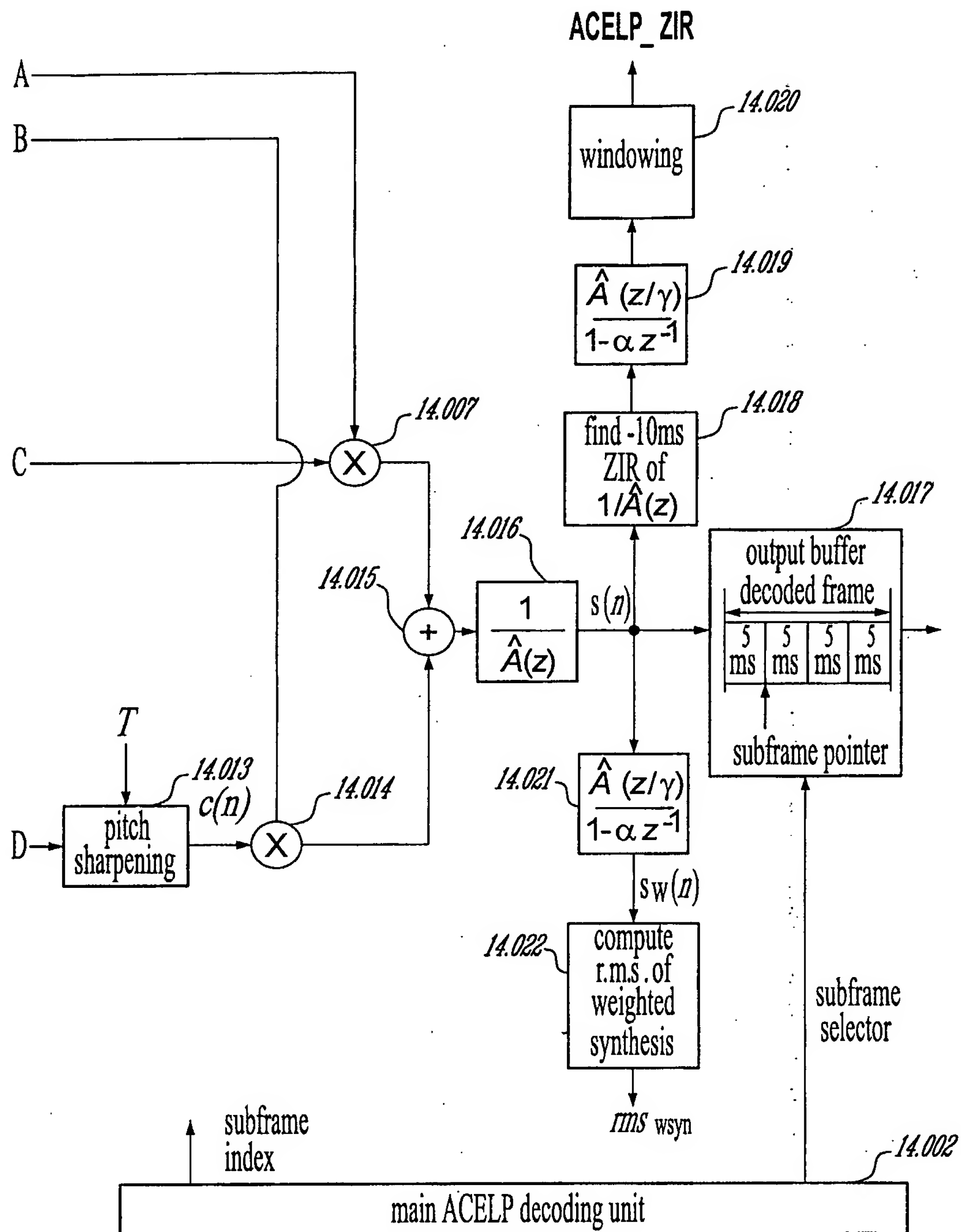
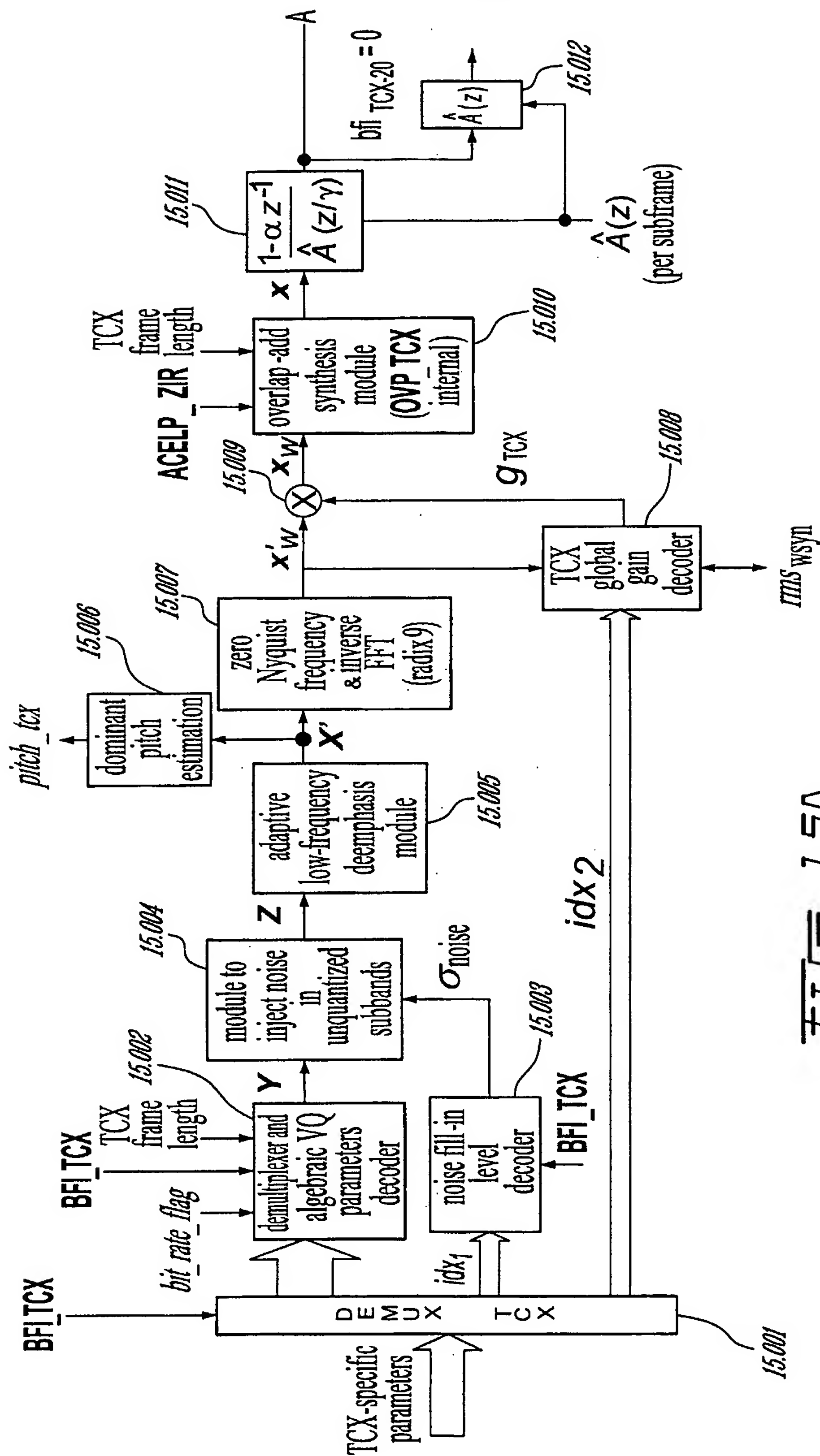
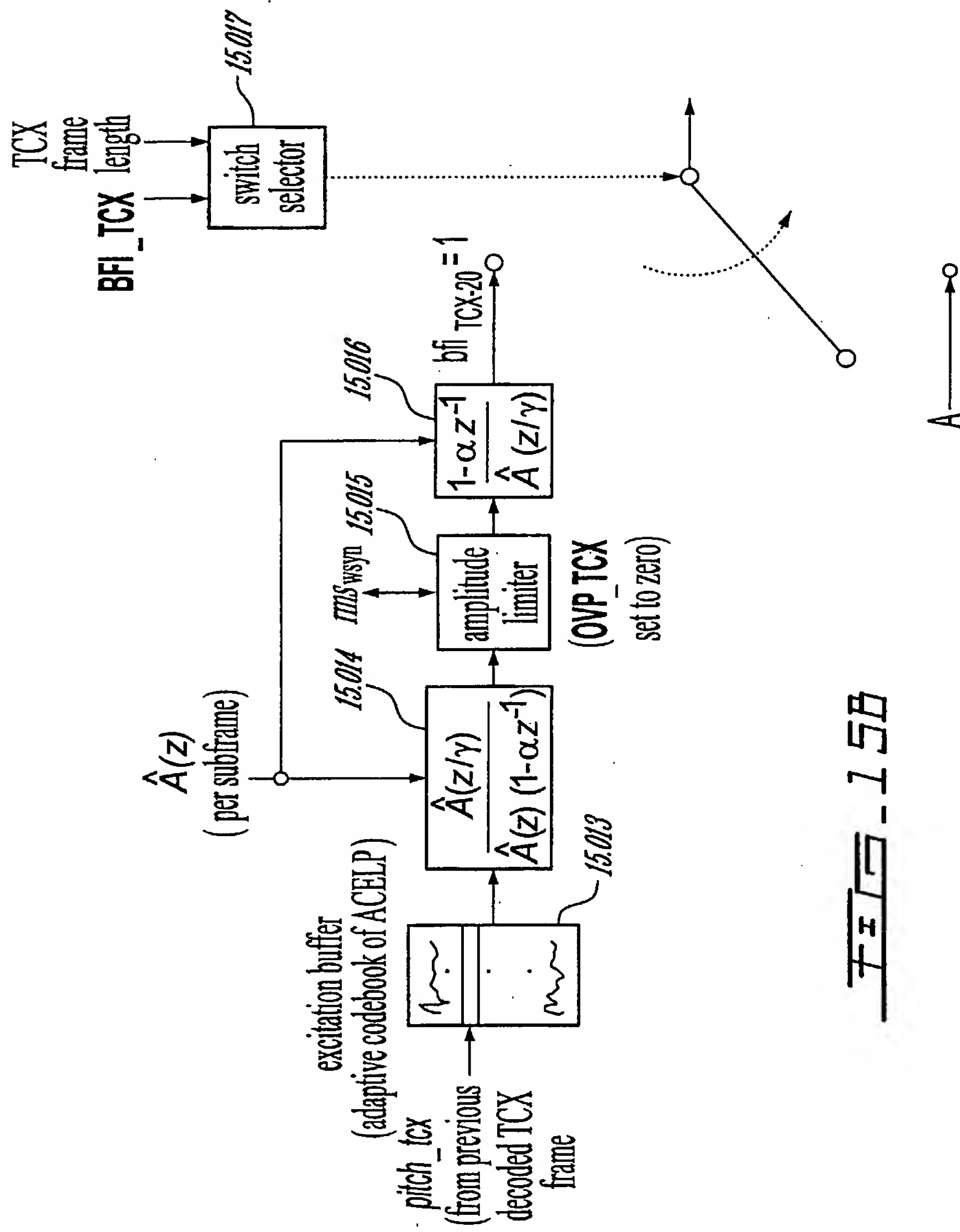
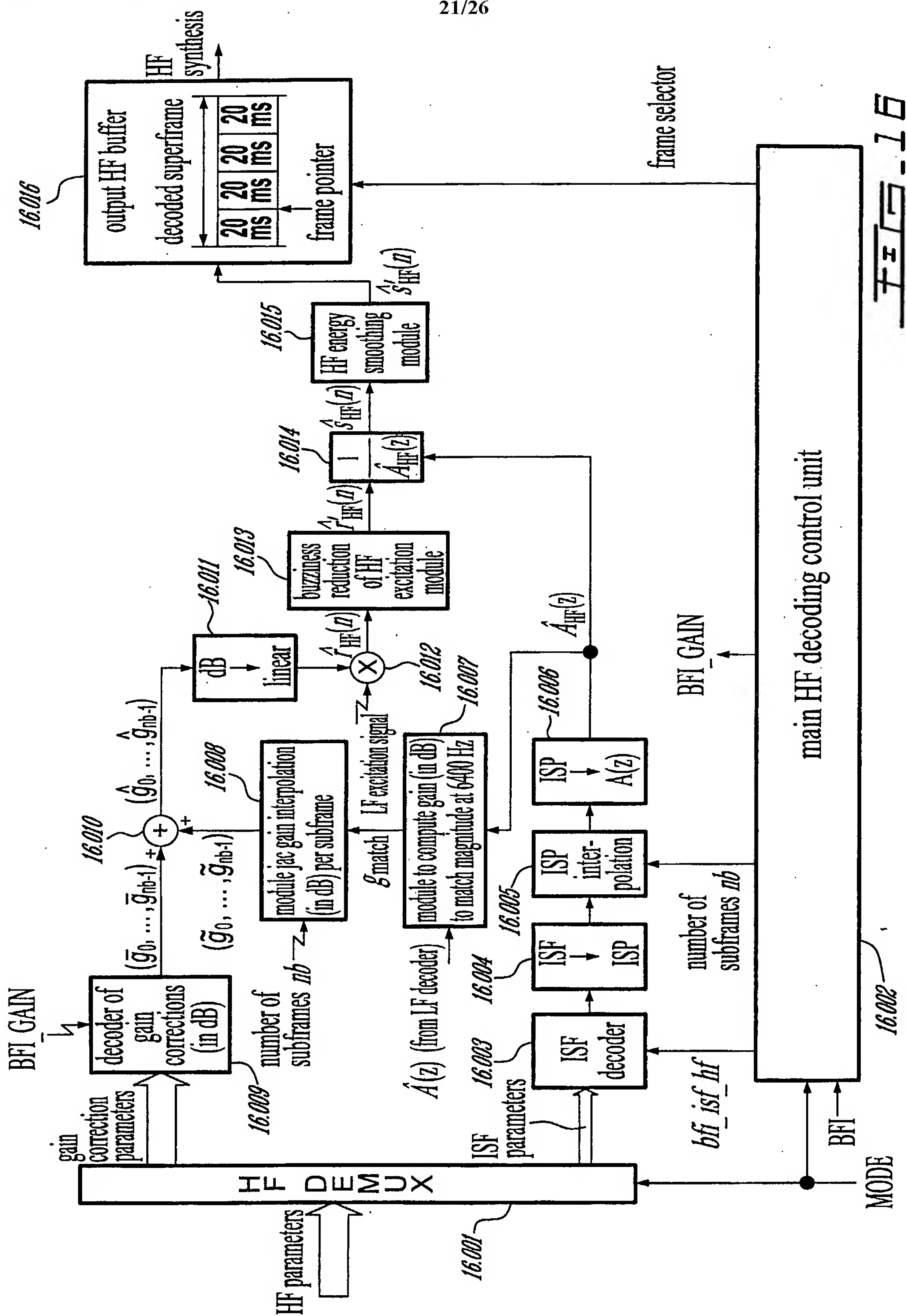


FIG. 14B







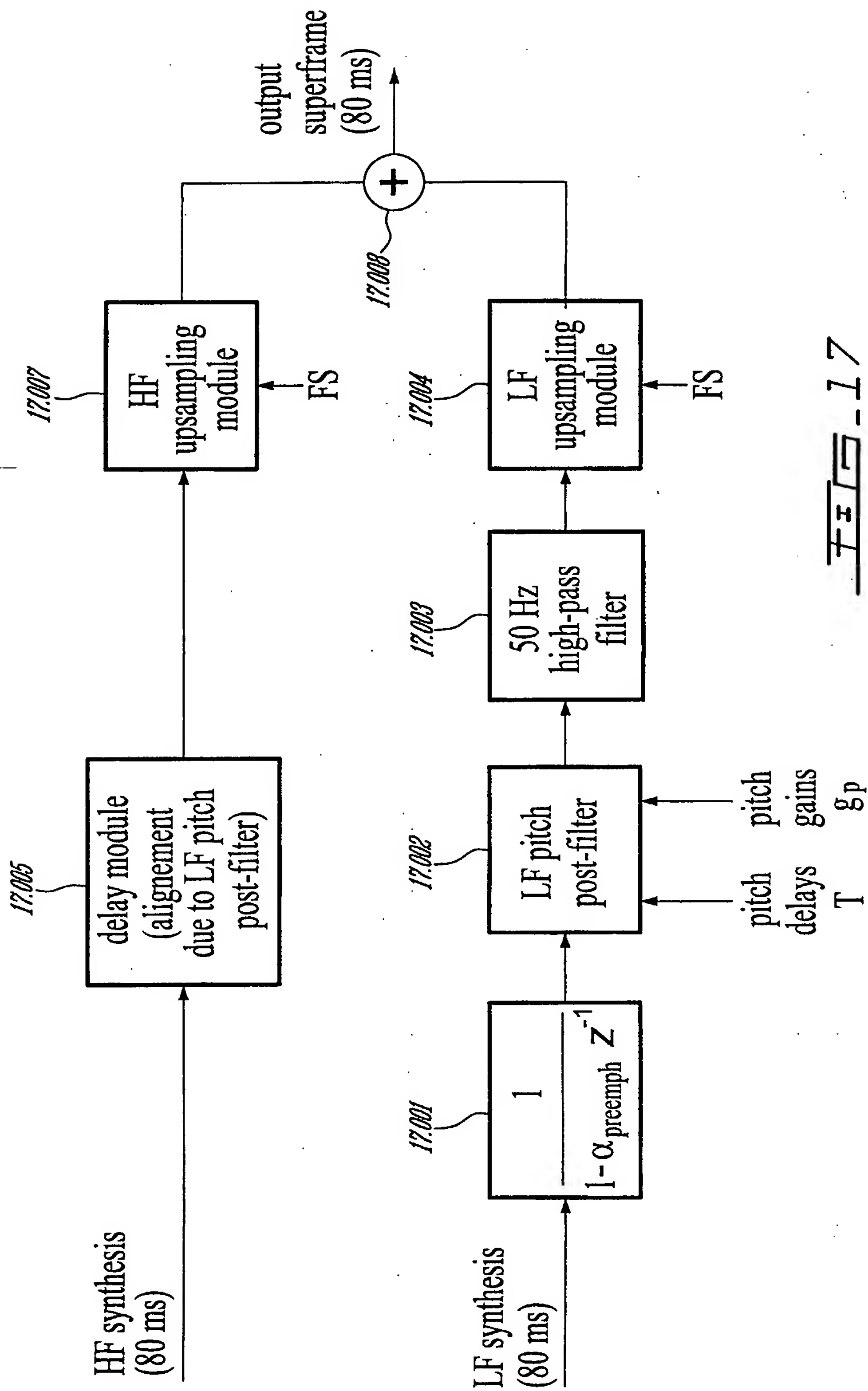
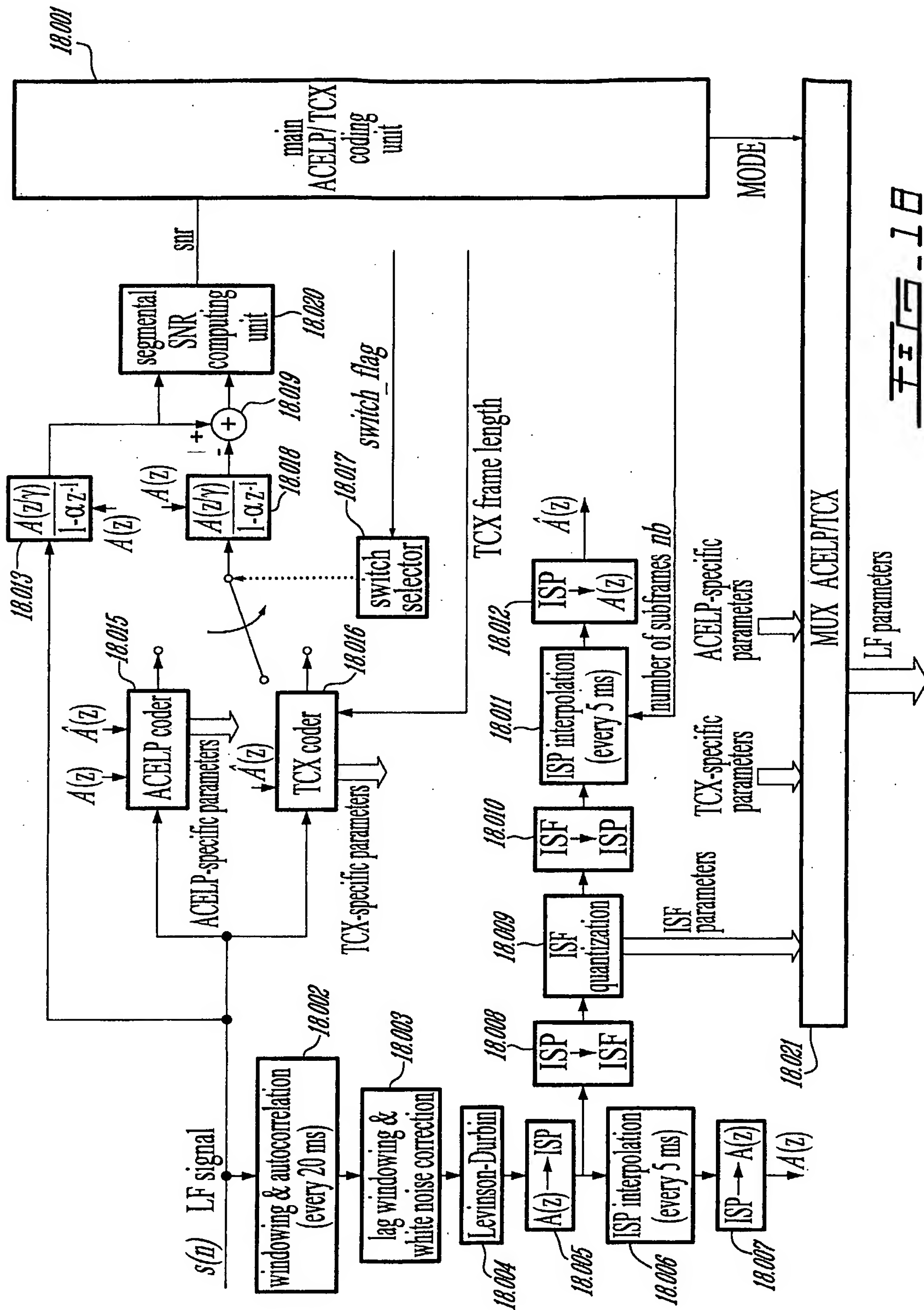


FIG. 17



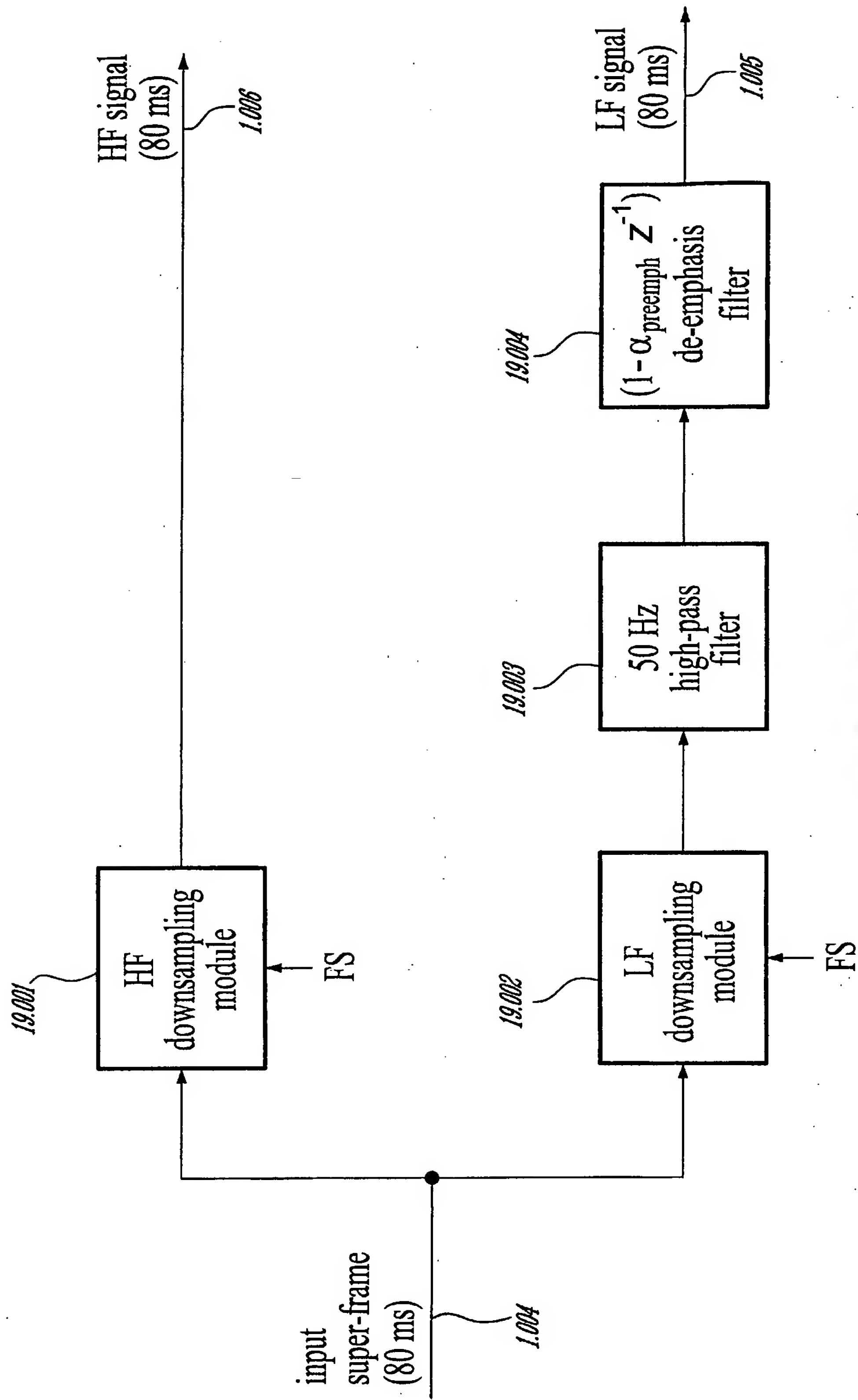


FIG. 19

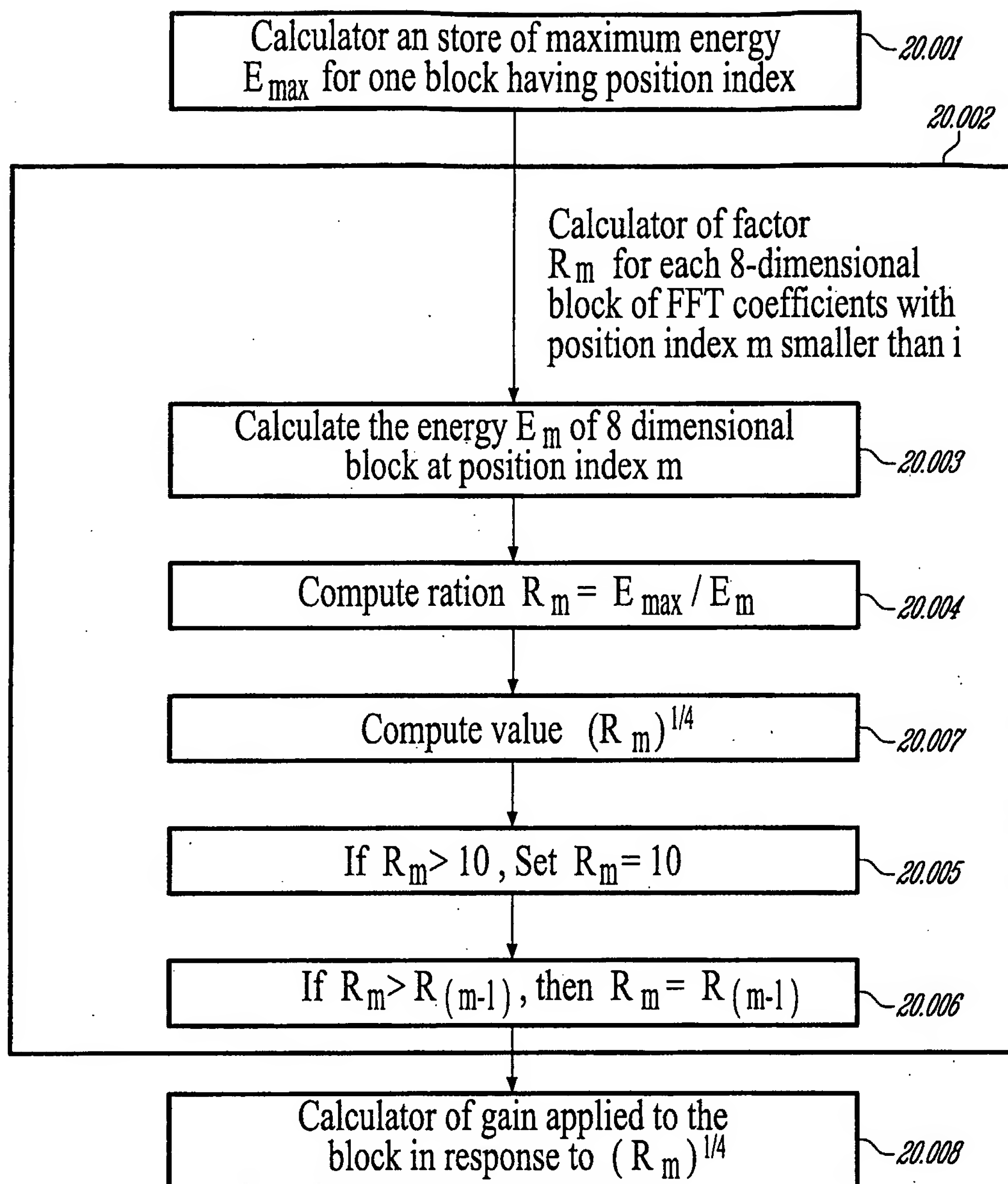


FIG. 20

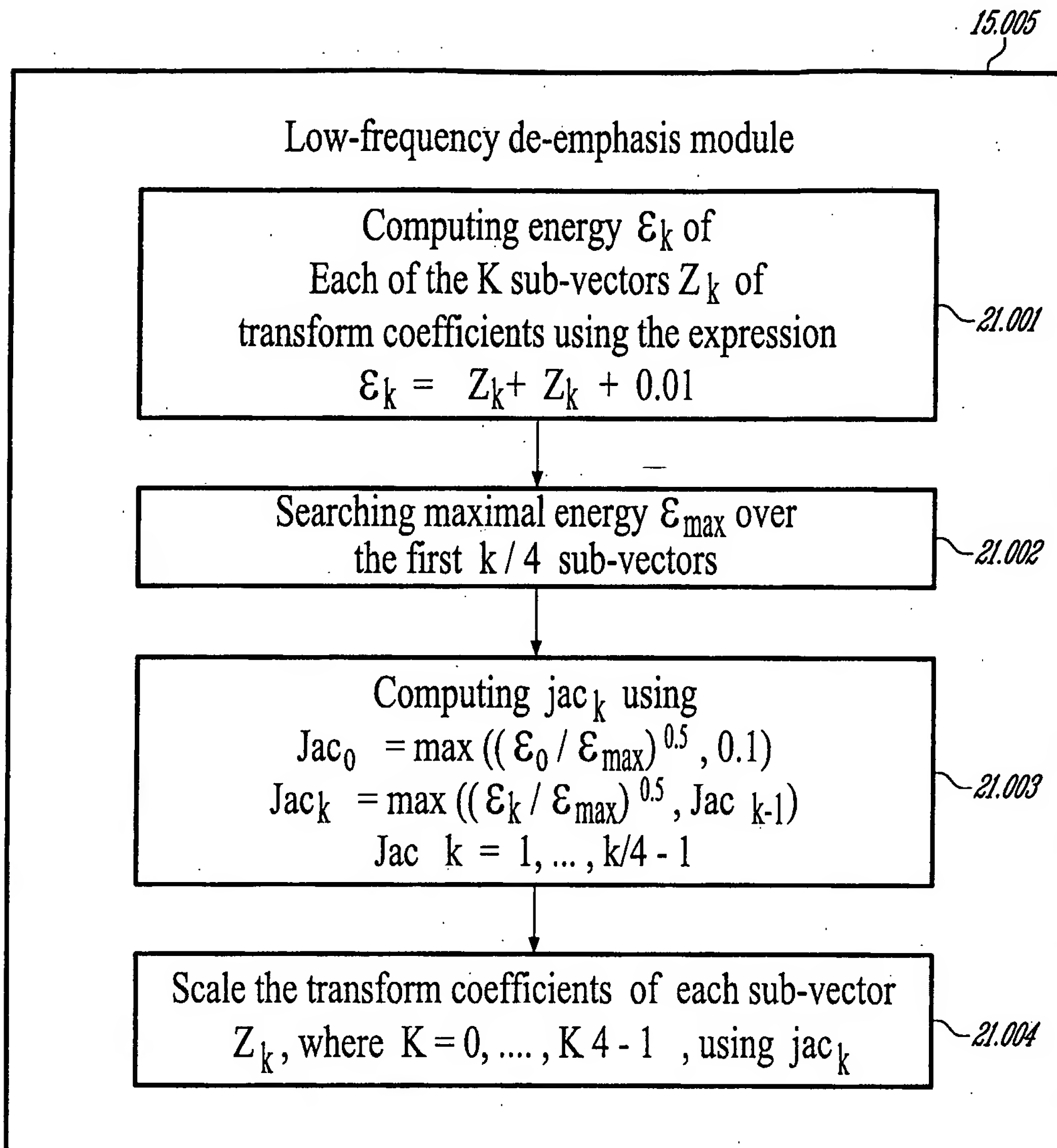


FIG. 21